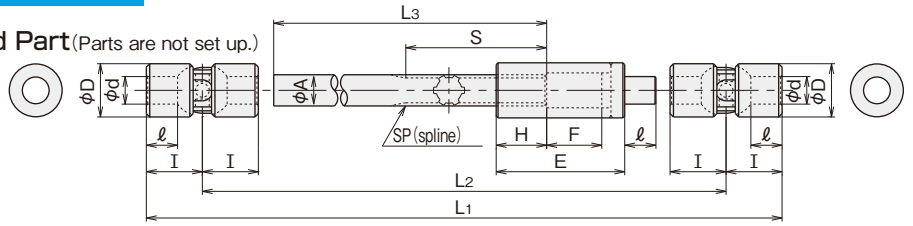


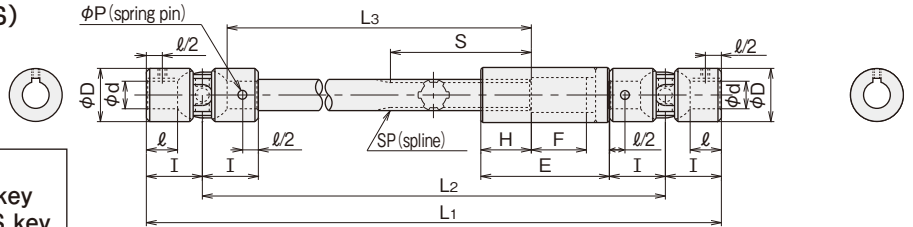
Precision Type S-P

- Please read "request and advice for order" in page 6 before placing an order.
- Please refer to "joint boot" in page 24 and 25.

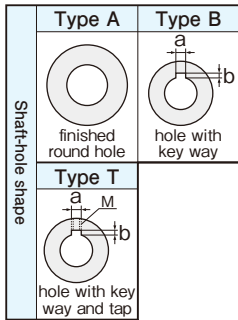
Standard Part (Parts are not set up.)



Parts Setup with Key Way and Tap (Designate dimension L1) (S-P TTS)



Choose new JIS key or old JIS key.



Type S-P Dimension Table

standard part's attachment ● spring-pin 4 pieces

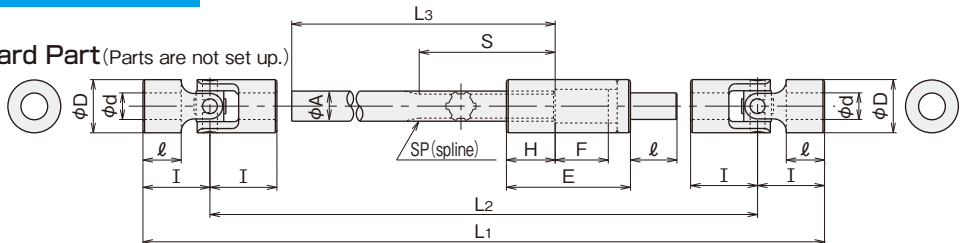
Symbol Size	φd ^{H7}	φD	I	ℓ	E	H	F Slide distance	φA	S	SP	Dimension of spring-pin for fixing	New JIS key		Old JIS key		TAP M	MAX			MIN
												a ^{JS9}	b	a ^{JS9}	b		L1 ⁰	L2	L3	
S- 6P	6	16	17	9	43.5	8.5	25	6	60	Large diameter 6 m=0.5 z=10	2 ×16	2	1.0	2	1.0	M3	244	210	150	136.5
S- 8P	8	18	20	11	50.5	10.5	25	8	70	Large diameter 8 m=0.5 z=14	2.5×16	3	1.4	3	1.5	M3	409	369	300	155.5
S-10P	10	22	22.5	12	65	20	30	10	80	Large diameter 10 m=0.5 z=18	3 ×20	3	1.4	4	1.5	M4	423	378	300	185
S-12P	12	26	25	13	85	25	35	12	80	Large diameter 12 m=0.75 z=14	4 ×25	4	1.8	4	1.5	M4	547	497	400	220
S-14P	14	29	28	16	90	25	40	14	65	11×14×3 ×6	5 ×28	5	2.3	5	2.0	M5	561	505	400	242
S-16P	16	32	32.5	18	95	30	40	16	75	13×16×3.5×6	5 ×32	5	2.3	5	2.0	M5	577	512	400	265
S-18P	18	37	36	20	105	35	45	20	85	16×20×4 ×6	6 ×35	6	2.8	5	2.0	M6	794	722	600	294
S-20P	20	42	41	23	110	40	45	22	90	18×22×5 ×6	6 ×40	6	2.8	5	2.0	M6	811	729	600	319
S-22P	22	47	47.5	25	115	40	50	25	95	21×25×5 ×6	6 ×45	6	2.8	7	3.0	M8	1040	945	800	355
S-25P	25	52	54	29	125	40	60	30	100	23×28×6 ×6	8 ×50	8	3.3	7	3.0	M8	1072	964	800	401
S-30P	30	58	61	34	140	55	60	35	115	28×34×7 ×6	10 ×60	8	3.3	7	3.0	M8	1095	973	800	444

●MAX L1=Maximum length in which the sliding stroke F of standard part is kept. ●MIN L1=Minimum length in which a shaft and a sleeve are cut and the engaged distance H and sliding stroke F are kept.

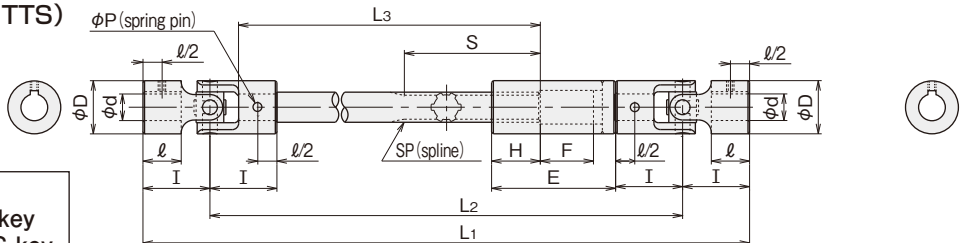
Precision Type H-P

- Please read "request and advice for order" in page 6 before placing an order.
- Please refer to "joint boot" in page 24 and 25.

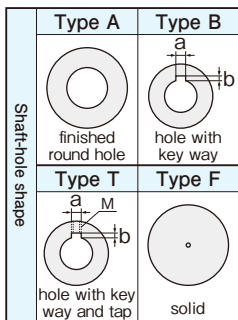
Standard Part (Parts are not set up.)



Parts Setup with Key Way and Tap (Designate dimension L1) (H-P TTS)



Choose new JIS key or old JIS key.



Type H-P Dimension Table

standard part's attachment ● spring-pin 4 pieces

Symbol Size	φd ^{H7}	φD	I	ℓ	E	H	F Slide distance	φA	S	SP	Dimension of spring-pin for fixing	New JIS key		Old JIS key		TAP M	MAX			MIN
												a ^{JS9}	b	a ^{JS9}	b		L1 ⁰	L2	L3	
H- 6P	6	12.5	20	13	43.5	8.5	25	6	60	Large diameter 6 m=0.5 z=10	2 ×12	2	1.0	2	1.0	M3	252	212	150	148.5
H- 8P	8	16	25	16.5	50.5	10.5	25	8	70	Large diameter 8 m=0.5 z=14	2.5×16	3	1.4	3	1.5	M3	423.5	373.5	300	175.5
H-10P	10	20	28	17	65	20	30	10	80	Large diameter 10 m=0.5 z=18	3 ×20	3	1.4	4	1.5	M4	440	384	300	207
H-12P	12	25	35.5	22	85	25	35	12	80	Large diameter 12 m=0.75 z=14	4 ×25	4	1.8	4	1.5	M4	580	509	400	262
H-16P	16	32	40	23	95	30	40	16	75	13×16×3.5×6	5 ×32	5	2.3	5	2.0	M5	602	522	400	295
H-20P	20	40	50	28	110	40	45	22	90	18×22×5 ×6	6 ×40	6	2.8	5	2.0	M6	842	742	600	355
H-25P	25	50	63	36	125	40	60	30	100	23×28×6 ×6	8 ×50	8	3.3	7	3.0	M8	1101	975	800	437
H-30P	30	57	82.5	51	140	55	60	35	115	28×34×7 ×6	10 ×60	8	3.3	7	3.0	M8	1164	999	800	530

●MAX L1=Maximum length in which the sliding stroke F of standard part is kept. ●MIN L1=Minimum length in which a shaft and a sleeve are cut and the engaged distance H and sliding stroke F are kept.